Retroscreen HIV
Rapid immunochromatographic test for simultaneous and differential detection of HIV1 and HIV2 antibodies

**Intended Use:**
Retroscreen HIV, a rapid test for simultaneous and differential detection of total antibodies i.e. IgG, IgM, IgA etc to HIV-1 and HIV-2 in human serum / plasma.

**Retroscreen HIV Kit Components:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device</td>
<td>Membrane test assembly predispensed with highly specific HIV 1 &amp; HIV 2 antigens - colloidal gold conjugate and rabbit IgG conjugated to colloidal gold. HIV-1/2 antigens coated on the membrane at two separate test regions for HIV-1 &amp; HIV-2. Goat Anti-rabbit antiserum at region 'C'</td>
</tr>
<tr>
<td>Buffer</td>
<td>Sample running buffer containing surfactant and preservatives</td>
</tr>
<tr>
<td>Other Accessories</td>
<td>Desiccant pouch and Package Insert</td>
</tr>
</tbody>
</table>

**Performance Characteristics:**

| Sensitivity: 100% | Specificity: 99.8% |

** FEATURES | BENEFITS **

- **Double antigen sandwich assay system**
  - Ensures reduction of window period by detecting all anti-HIV antibody isotypes viz. IgG, IgM, IgA

- **Recombinant antigens used in the gold-conjugate for both HIV1 & HIV2 detection**
  - Ensures high detectability with excellent specificity, particularly in low titer samples

- **Synthetic peptides used at the capture region on membrane for both HIV1 & HIV2 instead of recombinant antigens**
  - Excellent specificity ensuring true differentiation between HIV1 & HIV2

- **p24 (O) fusion protein used**
  - Ensures sensitive detection of HIV1 group "O"

- **Simple two step procedure with dynamic wash system**
  - Rapid takes just fifteen minutes
  - Ensures complete removal of non-specific artifacts from the sample
  - Excellent specificity

- **Excellent performance**
  - Sensitivity: 100%
  - Specificity: 99.8%

- **Individually pouches devices with pack sizes:**
  - 25 Tests & 50 Tests
  - Convenient and flexible for use in labs with different work loads

**Storage / Stability**

<table>
<thead>
<tr>
<th>Component</th>
<th>Temperature</th>
<th>Duration</th>
<th>Available Pack Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unopened kit</td>
<td>4-30°C</td>
<td>24 Months</td>
<td>25 Tests</td>
</tr>
<tr>
<td>Opened kit</td>
<td>4-30°C</td>
<td>&lt; 1 Hour</td>
<td>50 Tests</td>
</tr>
</tbody>
</table>